user manual

bruksanvisning

käyttäjän opas

DTR 2010

PHILIPS

Safety instructions

English

Your receiver has been manufactured to meet the appropriate safety standards, but the instructions below must be followed to operate it safely. These instructions must be kept for future reference.

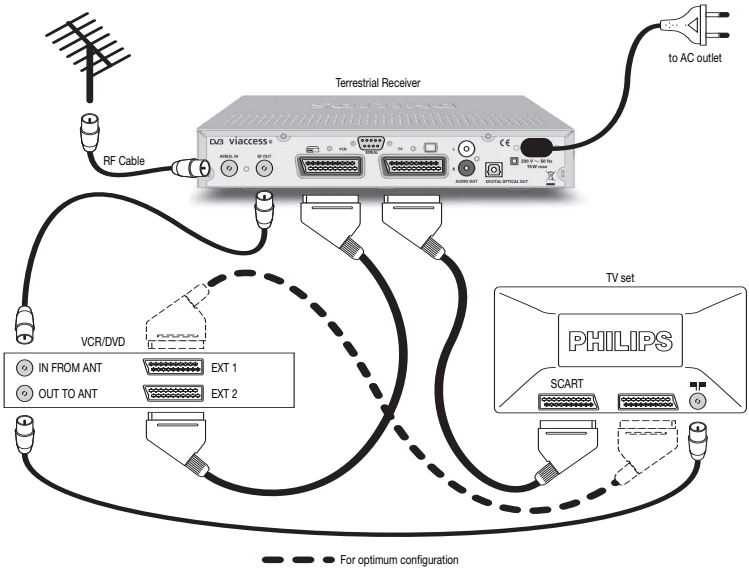
- Before connecting the receiver to the mains, check that the mains supply voltage corresponds to the voltage printed on the rear of the receiver. If the mains voltage is different, consult your dealer.
- The receiver does not contain any user-serviceable parts. Do not attempt to open it. All maintenance work must be carried out by qualified personnel.
- If you disconnect the receiver from the mains, make sure to unplug it from the wall socket and not just from the AC socket at the back of the unit. Children could seriously injure themselves, as the free end of the cable is still alive.
- Unplug the receiver from the mains during lightning storms.
- If the power cord becomes damaged, it must be replaced. Always refer to qualified personnel.
- To prevent fire or shock hazard, do not expose the receiver to rain or moisture.
- The receiver should be placed on a firm surface, and the ventilation openings must not be covered with items, such as newspapers, table clothes, curtains, etc.
- Do not install the receiver near any heat sources such as radiators, stoves or other apparatus that produce heat. Protect it from direct sunlight.
- When installing the receiver, ensure there is a gap of approximately 2 cm around the receiver to enable air to circulate freely and prevent overheating.
- Leave accessible the mains connector at the back of the unit in case emergency shutdown is required.
- Do not place any combustible objects on the receiver (candles, etc.).
- No objects filled with liquids, such as vases, shall be placed on the unit. The receiver shall not be exposed to dripping or splashing. Should this happen, disconnect your receiver from the mains and consult your dealer.

Meaning of symbols

	Important information: Must be read and understood.
	Your product has been designed and manufactured with high quality materials and components, which can be recycled and reused. When this crossed-out wheeled bin symbol is attached to a product or his packaging, it means the product is covered by European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.
	The "Material recyclability symbol" affixed on package cardboard and user manual means these parts are recyclable. So do not dispose of them with your normal household waste.
02	The "Material recyclability symbol" affixed on plastic packaging parts means these parts are recyclable. So do not dispose of them with your normal household waste.
	The "Green Dot" affixed on cardboard means PHILIPS pays a financial duty to the "Avoidance and Recovery of Packaging Waste" organization.

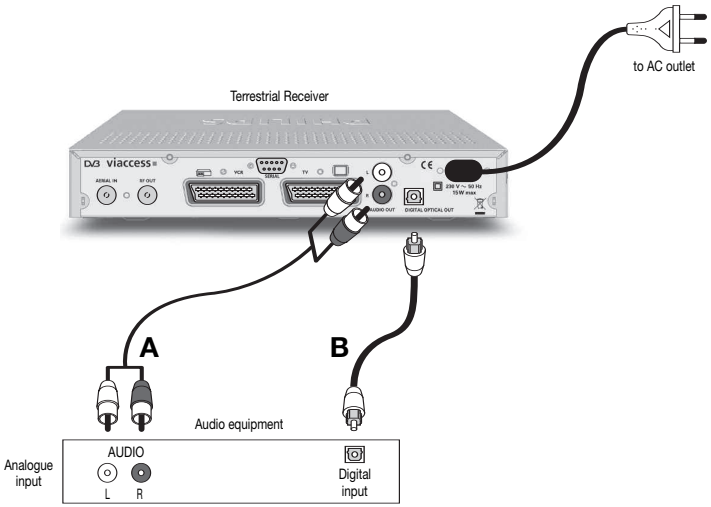
Quick installation guide

Connecting to TV and VCR/DVD player using SCART Support



Note: for optimum DVD/VCR viewing, connect the DVD/VCR SCART EXT 1 directly to a SCART of the TV set.

Connecting to Digital Amplifier/Home Theatre/HiFi set



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1 Introduction

Thank you for buying this product from Philips and congratulations!
The Philips Digital Terrestrial Receiver DTR 2010 allows you to view a wide variety of free-to-air and scrambled channels with the best digital picture and sound quality.

With this product you can enjoy advanced functions and features including:
- Digital picture and sound quality
- Wide screen format
- TV SCART and VCR/DVD SCART connector
- Up to 500 presets for TV and Radio channels
- Easy installation and use through the well-tested Euphoria User Interface
- Personal channel list and favourite lists
- Electronic programme Guide

This User Manual covers the installation of your receiver and the necessary steps to use the various functions, so you can optimally enjoy classic as well as unique features.

Philippe Alcaras
Paris, Mai 2006

2 Product description

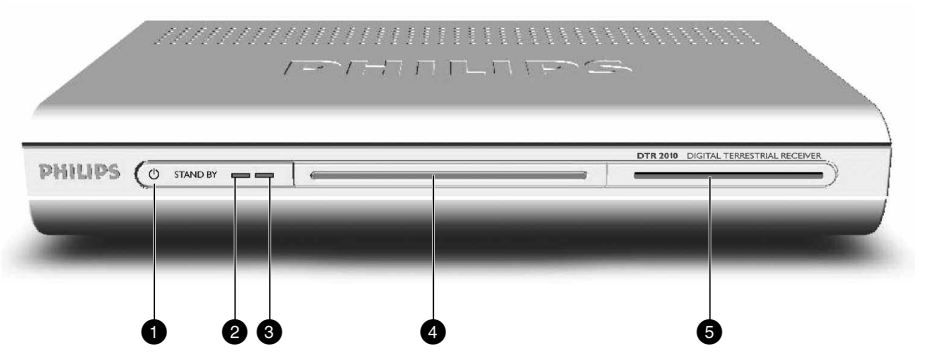
2.1 Unpacking the product

Unpack the receiver and check to make sure that all of the following items are also included in the package:

- 1 x Remote Control Unit
- 2 x AA batteries
- 1 x SCART Cable
- 1 x RF Cable
- 1 x Power Cord
- 1 x User Manual
- 1 x Worldwide Warranty booklet

Plastic bags can be dangerous. To avoid suffocation keep the bag away from babies and children.

2.2 Front panel



1 STANDBY button ..... Switch the receiver OFF.

2 Red LED indicator ..... Display receiver status (see status indicator table).

3 Green LED indicator ..... Display receiver status (see status indicator table).

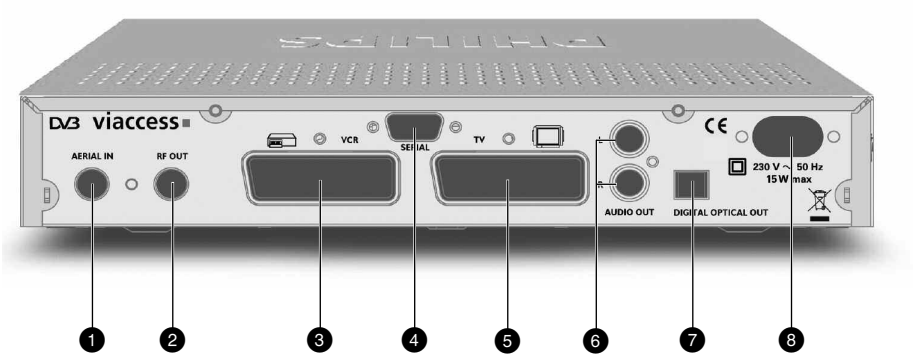
4 Remote control receiver window

5 Smart Card slot ..... See chapter 4.

Status indicator table

LED / Mode	Left-hand LED (Red)	Right-hand LED (Green)
Receiver connected to the mains or in Standby	ON	OFF
Watching TV or listening to the Radio	OFF	ON
Pressing a remote control key	Fast blinking	Depending on current mode
Timer active	ON	ON
Timer active in Standby	Slow blinking	OFF
Software download	Depending on current mode	Fast blinking

2.3 Rear panel



1 AERIAL IN (*) ..... RF input used to connect the coaxial cable from the cable wall socket.
Refer to chapter 5 for recommended connection diagrams.

2 RF OUT (*) ..... RF output used to connect your receiver to a VCR/TV set to watch analogue channels only, or to connect another receiver.

3 VCR (*) ..... SCART (1) socket used to connect your video recorder or DVD player/recorder.

4 SERIAL (*) ..... RS232 socket used for serial data transfer to a PC or another receiver.

5 TV (*) ..... SCART (1) socket used to connect to your TV set or a video projector.

6 L/R AUDIO OUT (*) ..... Left/Right outputs used to connect your HiFi /Audio receiver system.

7 DIGITAL OPTICAL OUT (*) ..... Digital output used to connect your HiFi /Audio receiver system.

8 230V~50Hz 15W max (**) ..... Socket used to connect the power cord.

Note: the label showing the type and serial number is underneath the receiver.

(1) SCART is also called Euroconnector or Peritel.

** Safety Extra Low Voltage*
*** Hazardous Voltage*

3 Remote control

0-9 number keys
- In TV/radio mode: select channels
- In menu: directly select a menu item or set a setting
- In standby: wake up the receiver

INFO
Switch between normal viewing, Channel Banner, and Channel Banner with Extended Info

EXIT
Return to normal viewing

VOLUME +/-
Increases/Decreases the volume level

MUTE
Mute/Demute the sound on your TV or receiver

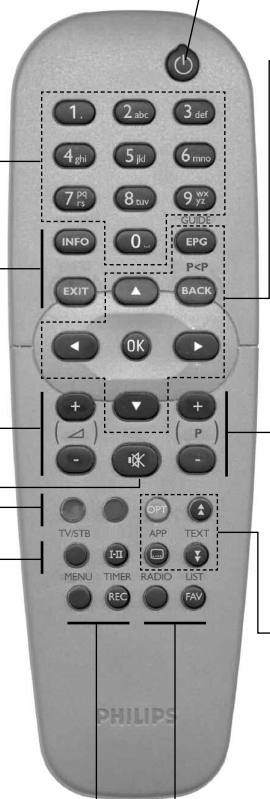
RED, GREEN, YELLOW, BLUE
Contextual keys

TV/STB
Toggle between watching digital TV via your receiver and standard analogue TV via your TV set

I-II
Open the Audio Languages screen to momentarily change the soundtrack and audio mode

MENU
Opens/Closes the Menu

REC
Open/Close the Timer screen



Standby
Switch your receiver into the standby mode

EPG
Opens/Closes the Programme Guide

BACK
- In TV/radio mode: return to the previously tuned channel
- In menu mode: return to the previous screen

CURSOR ▲/▼
- Switch the Channel Banner in the browsing mode
- Scroll up/down in a menu or channel list

CURSOR ◄/►
In Channel Banner: switch between the current and next programme

OK
Confirm your choice

P+ / P-
- In TV/radio mode: tune the next/previous channel within the current channel list
- In standby: wake up the receiver

OPT
In TV/radio mode: enable/disable teletext display

▲/▼
Teletext page scrolling

SUBTITLE
Open the Subtitles Language screen to momentarily change subtitles language

FAV
Open/Close the current channel list

RADIO
In TV/radio mode: toggle between TV and Radio

Do not dispose of the batteries with your household waste.

The Philips batteries supplied with your receiver's remote do not contain heavy metals such as Mercury, Lead or Cadmium. Nevertheless, in many countries, exhausted batteries may not be disposed of with your household waste.

Please enquire about the local regulations regarding the disposal of used batteries.

4 Inserting your Smart Card

To be able to receive scrambled digital terrestrial channels specific to an operator, you need a smart card from that operator. Your operator may update it from time to time.

Insert the smart card with the chip facing down.

Push the smart card into the slot as far as it will go. The end of the card will be visible outside the slot. New and updated information may be downloaded onto the smart card from time to time.

5 Connecting your receiver

There are several ways you can connect and incorporate your digital receiver into your existing video / audio equipment set up.

Warning!

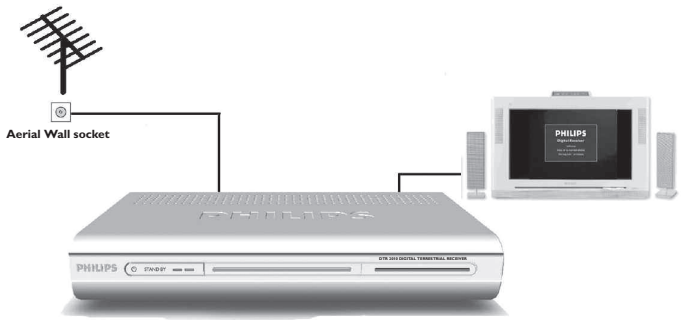
Before starting to connect:

- Unplug all equipment (TV set as well as VCR and / or DVD if required) from the mains.
- Do not connect your digital receiver to mains supply now.
- Check your current wiring: you may not need to modify your existing Audio / Video set up connections if they already match the connection diagrams below.
- Depending on your exiting set up, choose the best suited connection method for incorporating your digital receiver into your existing Audio / Video set up. Please read chapters 5.2 and 5.3.

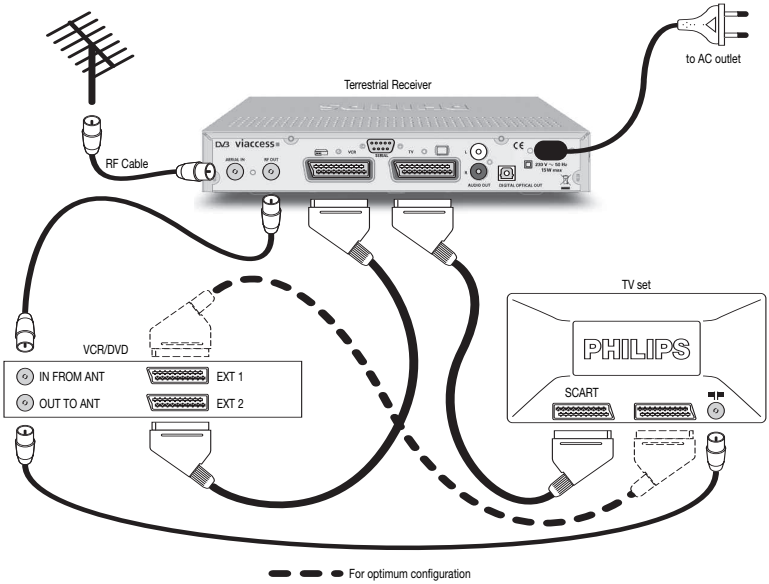
Note: when adding new equipment, be sure to refer to the related installation instructions of the manual.

- Your receiver, as any electronic equipment, consumes power. In order to reduce power consumption, please switch your receiver to standby whenever you are not using it.
- For maximum energy saving we recommend you to switch off the receiver by unplugging it from the mains if you are not using it for a long time.

5.1 Connecting to aerial wall socket and TV



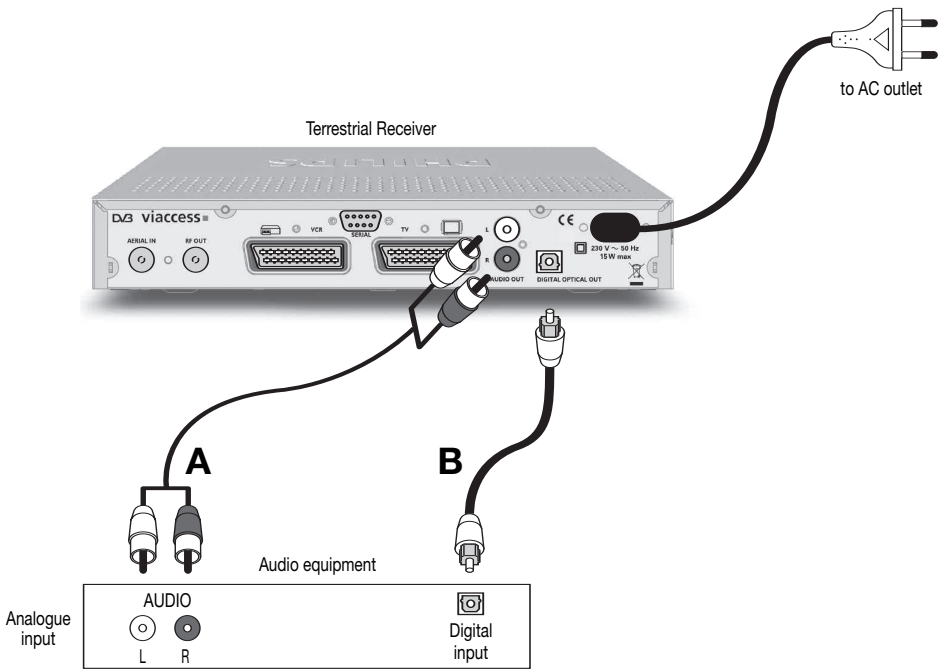
5.2 Connecting to TV and VCR/DVD player using SCART support



Use the RF cable to connect your receiver to the aerial wall socket.
Use the SCART cable to connect your receiver to the TV set.

Note: for best DVD/VCR viewing, connect DVD/VCR SCART EXT 1 directly to the TV SCART.

5.3 Connecting to your audio equipment



Analogue connection (A)
Connect the L/R audio output sockets to the relevant L/R audio input sockets of your audio equipment using a double CINCH cable (not supplied). Consult the user manual of your audio equipment to choose the proper analogue audio inputs.

Digital connection (B)
Connect the audio "DIGITAL" output socket to the relevant digital audio input socket of your audio equipment using a single CINCH cable (not supplied). Consult the user manual of your audio equipment to choose the proper digital audio input.

Note: with this connection set up you can only control the audio volume up/down and mute from your audio equipment.

6 First installation

For fast and successful start-up, check that your receiver is connected to the wall socket, TV set and other equipment according to the diagrams in chapter 5.
Switch on the receiver and TV set. The welcome screen appears. Press <OK> to access the Easy installation screen.

6.1 Easy installation

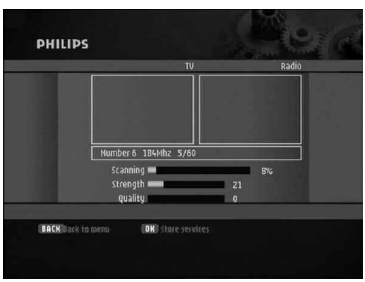
The Easy installation screen prompts you to select your favourite menu language.

Select your favourite menu language and press <OK> to store the language setting and start scanning for channels.

6.2 Channel scanning

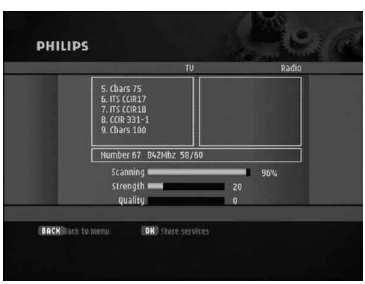
During the scanning process, the following information is reported on screen:
- the number of TV and Radio channels detected,
- the scanning progress, indicated as a percentage,
- the strength of the signal and the quality of reception.

Note: if you press <BACK> during the scanning process, you return to the Easy installation screen. In this case, none of the channels found are stored.



When scanning has been successfully completed, a completion message is displayed as well as the number of channels detected.

Press <OK> to store the channels found and tune the receiver to the first channel in the list.



6.3 Scanning failure

In case of channel scanning failure, a failure message is displayed.

Before starting a new scan
It is recommended to do the following checks:
- connections to your receiver (see chapter 5),
- signal level (see paragraph 8.7.2),
- antenna installation,
- number of channels available in the region corresponding to your area.

Press <OK> to start scanning again.

Note: if the same failure message appears after a while, refer to chapter 10.

7 General Viewing Function

This section describes the basic functions available while watching digital TV or listening to digital Radio. For general menu navigation information, see Basics about menu navigation.

7.1 Receiver wake up

Your receiver is in standby. To wake it up, press any of the following on the remote control:
- numerical keys,
- <P->/<P+>,
- <OK>.

Note: be careful the Standby button can only be used to switch the receiver off.

7.2 Channel Information

Every time you change channels, programme information appears on screen, displaying:
- the channel name and number in the current channel list,
- the current programme name,
- icons indicating the channel properties, e.g. channel lock status,
- a bargraph indicating the start time of the current programme, the start time of the next programme, and the current progress.

icon	description
I-II	alternate audio language/format
FAV	current favourite list
	maturity rating locked
	scrambled channel
	locked channel
	subtitles presence
	teletext presence

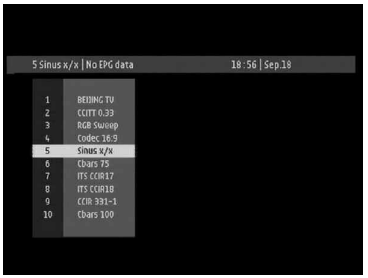
While watching a channel, you can display the current channel information at anytime by pressing <INFO> on the remote control. Press <INFO> again to get more information about the current programme.

Note: channel information is displayed for 3 seconds as per default. This can be adjusted from the System Setting screen.

7.3 Channel selection

7.3.1 Using <P+/P-> or numeric keys

To switch channels, use <P+>/<P-> or the numerical keys of the remote control.



7.3.2 Using the channel list

For a complete overview of the available channels while watching digital TV or listening to digital radio, press <OK> on the remote control. The full channel list is displayed on the left-hand side of the screen.

Note: if you press <BACK>, the full channel list disappears.

To select a channel from the full channel list:
- Scroll up or down to the desired channel.
- Press <OK> to watch it.

7.4 Channel Lists

While watching digital TV or listening to digital radio, you can access all available channel lists by pressing <FAV> on the remote control. Successively press <FAV> to toggle between the favourite lists you created and the full channel list. The current channel list is indicated on the left-hand side of the banner.

When one of the favourite lists is activated, you zap only through the channels this list contains.

To create and edit your favourite lists, see paragraph 8.3.

7.5 Previous Channel Recall

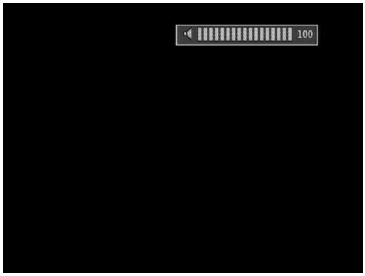
Press the <BACK> key of the remote control to move to the previous channel you watched in the current channel list.

7.6 TV or Radio Mode selection

While watching digital TV or listening to digital radio, press <TV/RADIO> on the remote control to toggle between TV and Radio modes.

7.7 Volume & Audio Control

7.7.1 Volume control and Mute



To decrease or increase the volume, use < - / + > on the remote control.

Note: the volume level can also be controlled from your TV.

To mute the sound, press < mute > on the remote control
To resume normal sound, press this key once again.

Note: a change of volume is signalled on-screen using a bar graph, while audio mute is signalled with an icon in the top right corner of the screen.

7.7.2 Audio Control

To access audio settings, select System Setting from the main menu. The System Setting screen appears.
- Scroll to Audio Output. Default setting is Stereo.
- Select the desired value (Left, Right, Mono, Stereo or AC3).
- Press <OK> to save your changes and exit the screen.

7.7.3 Audio language

To select your preferred audio language, select System Setting from the main menu. The System Setting screen appears.
- Scroll to Audio Language, and then select the desired language.
- Press <OK> to save your changes and exit the screen.

Note: if you want to change the audio language for a particular programme, press <I-II> on the remote control to directly access the audio language options available for this programme. Available languages depend on the audio content transmitted.

7.7.4 Subtitles language

To select your preferred Subtitles language, select System Setting from the main menu. The System Setting screen appears.

- Scroll to Subtitle Language, and then select the desired language.
- Press <OK> to save your changes and exit the screen.

Note: if you want to change the Subtitle language for a particular programme, press <[...]> on the remote control to directly access the Subtitles language options available for this programme. Available languages depend on the content transmitted.

7.8 Recording timers

Recording timers are used for VCR or DVD recordings.

7.8.1 To set a timer from the guide

- Select Guide from the main menu to access the Electronic Programme Guide.
- Move to the desired programme using the arrow keys.
- Press the <Red> colour key to set a recording timer on the selected programme. Alternatively, press the <Green> colour key to set a reminder on the programme.
- Enter your PIN code if necessary, and then set the timer type as appropriate. By default, other settings correspond to the selected programme.

7.8.2 To set or modify a timer from the Timer menu

- Select the Record Timer item from the Timer sub-menu or press the <TIMER> key of the remote control to access the Recorder screen.
- Select an available Timer Number or select the timer you want to modify.
- Set the values of the recording parameters using the arrow or numerical keys as appropriate (for more details, refer to paragraph 8.5.1).
- Press <OK> to confirm.

Note: an existing recording timer can be disabled from the Recorder screen by selecting Disable as Timer Type.

7.8.3 To delete a running timer while watching digital TV or listening to digital radio

A timer is running and you are watching the programme you are recording. Recording is signalled by two front LEDs, the right-hand one lit in red and the left-hand one lit in green.

To delete the running timer:
- Press the key sequence "TIMER, 0". The red light then switches off and you can change channels.

7.8.4 To delete a running timer enabled while the receiver was in standby

A timer is running that was enabled while your receiver was in standby. Recording is signalled by the right-hand red LED, which is blinking slowly.
- Press the key sequence "TIMER, 0" to delete the running timer. The red light then switches off and you can change channels.

Note: when a recording timer is active, you cannot change digital channels, but you can switch to analogue TV using the <TV/STB> key and zap through analogue channels.

7.8.5 Viewing Teletext

Using the integrated teletext decoder.
- Press <OPT>.
- Select a page using number keys, then follow the instructions appearing on screen.
- Press <OPT> to exit.

8 Menu

English

8.1 General information

The Menu gives access to all the functions of your receiver:

- o Guide
- o Channel Manager
- o Parental Control
- o Timer Manager
- o System Setting
- o Installation
- o Information

8.1.1 Basics about menu navigation

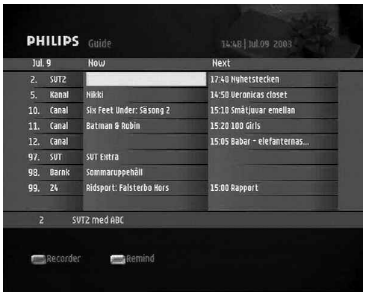
While watching TV or listening to the radio:
- Press <MENU> to display the Menu screen.
- Press ▲ or ▼ to scroll up or down and select the desired menu item.
- Press <OK> to display the corresponding sub-items.
- Press ▲ or ▼ to move to the desired sub-item.
- Press the ◄ or ► button to select a value in a menu item.

Note: press <BACK> to go back one step.

8.1.2 Cancel/Store changes

- Either press <BACK> to go back one step. You may then be prompted to confirm your changes.
- Or press <OK> to validate changes and exit the screen.

Note: to open a locked menu item, you need to enter your Pin Code.



8.2 Guide (Electronic Programme Guide)

The TV/Radio Electronic Programme Guide (EPG) provides an overview of available TV and Radio channels, and programmes the broadcasters have scheduled, starting with the current programme.

To view EPG data:
- Press <GUIDE> on your remote control when watching a channel, or select the Guide item from the Menu and press <OK>.

- Highlight the name of the programme for which you want more detailed information.
- Press the <INFO> key of the remote control once to get extended information (programme description) and once again to close it.
- Press <OK> to view the corresponding channel.

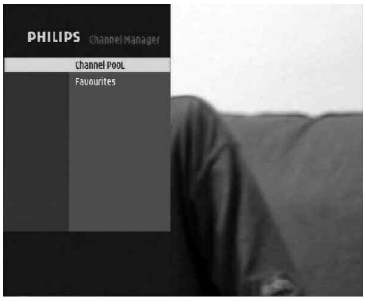
Note: a "No information yet" message is displayed if the selected channel does not provide EPG data. It may take a few seconds before data can be displayed.

To set a recording timer from the Guide:
- Press the <Red> colour key once to set a recording timer for the programme currently highlighted.

To set a reminder from the Guide:
- Press the <Green> colour key to set a reminder for the programme currently highlighted.

If you want to check the previous or next information of the channel, please press ◄ or ► on the remote control.

8.3 Channel Manager

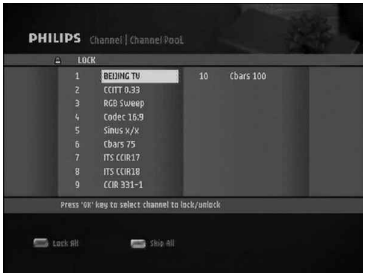


The Channel Manager function is used to:
- lock channels (Channel POOL)
- create and edit your favourite lists.

Note: switch from TV channel lists to Radio channel lists by pressing <TV/RADIO>. Radio Channel Manager has the same operation as TV channel Manager.

To access the Channel sub-menu, select Channel Manager from the main menu.

8.3.1 Channel Pool



Select Channel POOL to access the Channel Pool screen. This screen is used to lock channels.

To lock channels:
- Scroll to the channel you want to lock.
- Lock the channel by pressing <OK>. The selected channel is marked with this 🔒 icon. Press <OK> again to cancel selection.

Note: the first time you press <OK>, you are prompted to enter your Pin Code.

- Press <BACK> to exit the screen.
- When prompted, confirm your changes by pressing <OK>.

Note: you can only use this function once you have set up your Pin Code from the Parental Control screen.

8.3.2 Favourites

Select Favourites from the Channel sub-menu to access the screen used to create and edit up to three TV and three Radio channel lists according to your personal preferences.

To create a favourite list:
- Individually select the desired channels from the list by scrolling to the corresponding channel and pressing <OK>. Press <OK> again to cancel selection
- Alternatively, use the red colour key to select all channels or green colour key to deselect all channels.

Note: selected channels are marked with a tick.

To create additional favourite lists:
- Press <FAV> to select the next favourite list (up to Favourite 3).
- Then proceed as indicated above.
- Press <BACK> to exit the screen.
- When prompted, confirm your changes by pressing <OK>.

When you activate one of the favourite lists by pressing <FAV> while watching digital TV or listening to digital radio, the receiver only zaps through your favourite channels. Press <FAV> to again toggle between your favourite lists and the full channel list.

8.4 Parental Control

Parental Control is used to:
- block access to your receiver and its Menu;
- provide maturity rating data transmitted with the programme, indicating whether it is suitable for the age of your children;

- enable channel lock using a Pin Code in order to prevent children from watching these channels;

You must enter your 4-digit Pin Code to access the various settings.

8.4.1 To enable Menu Lock

To lock access to every sub-menu of your receiver, set Menu Lock to ON.

8.4.2 To set the Parental Rate

Select the desired Parental Rate: from 3 to 18, or None.

8.4.3 To change your receiver's Pin Code

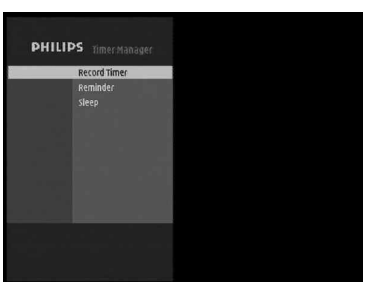
The receiver's Pin Code default value is 1111.

To change your Pin Code:
- Scroll down to New Pin Code and enter your new Pin Code.
- Scroll down to Confirm Pin Code and enter your new Pin Code again.

Note: once you have changed your Pin Code, keep it secret to prevent others from using it. If you forget or lose your Pin Code, please refer to the Troubleshooting chapter.

Press <OK> to confirm your changes and exit the screen.

8.5 Timer Manager



The Timer Manager is used to set:
- recording timers for the programmes you want to record using your VCR or DVD recorder,
- reminders for programmes you want to see in the near future,
- sleep timers.

To be able to record a digital channel using a VCR or DVD recorder, you must set both your recorder and receiver:
- You must set a timer on your receiver.
- You must also enable recording on the VCR or DVD recorder (refer to the VCR or DVD recorder user manual).

8.5.1 Recording timer

Select the Record Timer item from the Timer sub-menu or press the <TIMER> key of the remote control to access the Recorder screen.

To activate a recording timer:

- Select values for the following:
  - Timer number: used to identify the timer. Select the number corresponding to the timer you want to use.
  - Channel Name: select the channel on which the programme you want to record is broadcast using the ◄ or ► key.

Note: alternatively, press <OK> when the highlight is on Channel Name to display the list of available channels. Then scroll to the desired channel and press <OK> to select it.

  - Timer Type: select Daily to record once every day, Weekly to record once every week, Monthly to record once every month, or One time for a single recording at the selected time. Select Disable to cancel the timer.

- Depending on the timer type, proceed with the following:
  - Month: select 1 for January, 2 for February, etc. using the ◄ or ► key for a single recording.
  - Date: select a date using the ◄ or ► key for single and monthly recordings.
  - Start time: select a start time using the ◄ or ► key to modify the default time in steps of 10 minutes or numerical keys.
  - End Time: select a end time using the ◄ or ► key to modify the default time in steps of 10 minutes or numerical keys.
- Press <OK> to confirm.

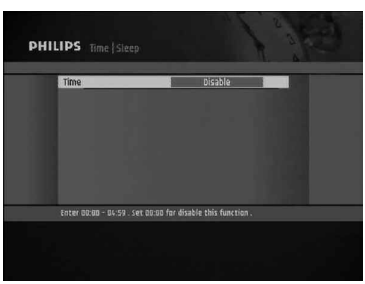
Note: when a recording timer is active, you cannot change digital channels, but you can switch to analogue TV using the <TV/STB> key and zap through analogue channels.

8.5.2 Reminder

When you set a reminder for a particular programme, the receiver sends a warning at the start of that programme and switches automatically to the right channel if you accept the reminder message.
Select the Reminder item from the Timer sub-menu to access the Reminder screen.
To activate a reminder:
- Set the values of the reminder parameters using the arrow keys or numerical keys as indicated in the above paragraph.
- Press <OK> to confirm.

Note: an existing reminder can be disabled by selecting Disable as Timer Type in the Reminder screen. When a timer is already active (recording in progress), press <TIMER> then <0> to cancel this timer.

8.5.3 Sleep timer

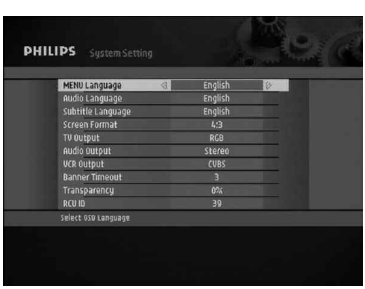


You can set a sleep timer to automatically switch your receiver to Standby mode after a given time lapse.
Select the Sleep item from the Timer sub-menu to access the Sleep screen.

To activate a sleep timer:
- Select the time lapse after which the receiver should go to Standby (up to 4:59) using the ◄ or ► key to decrease or increase the time lapse steps of 10 minutes or using the numerical keys of the remote control.
- Press <OK> to confirm.

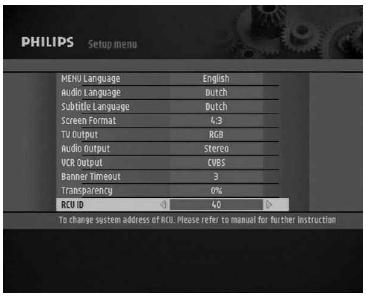
To disable a sleep timer:
- Select Disable instead of a time lapse for this timer.
- Press <OK> to confirm.

8.6 System setting



Select System Setting from the main menu to access the System Setting screen.
This screen is used to modify the general settings of your receiver and your remote control setting.

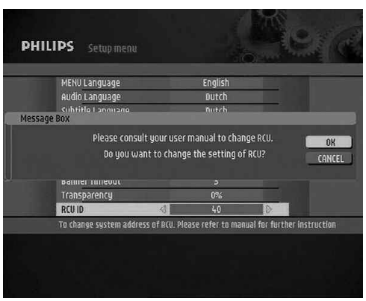
Note: access to this menu can be protected by Pin Code.



8.6.1 Receiver settings

- Select appropriate values for the following:
  - Menu Language: Swedish (default value), Finnish, English
  - Audio Language: Swedish (default value), Finnish, English
  - Subtitle Language: Swedish (default value), Finnish, English, or OFF
  - Screen Format: 4:3 or 16:9
  - TV Video Output: RGB or CVBS
  - VCR Video Output: CVBS or Y/C
  - Audio Output: Stereo (default value), Left, Right, Mono, or AC3.
  - Banner Timeout: banner display duration, from 1 to 5 seconds
  - Transparency: OSD transparency, from 0% to 70%
- Press <OK> to store the settings.

Note: your TV settings will be overwritten by the receiver settings.


PHILIPS
Setup menu
MENU Language English
Audio Language Dutch
Message Box
Please consult your user manual to change RCU.
Do you want to change the setting of RCU?
OK
CANCEL
Transparency 0%
RCU ID 40
To change system address of RCU. Please refer to manual for further instruction

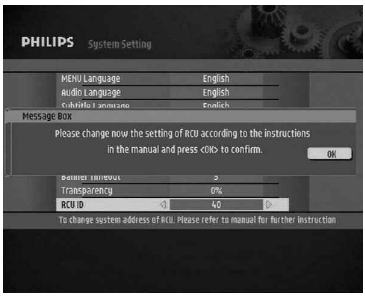
8.6.2 Remote Control setting

If you have a Philips TV set equipped with a universal remote control which in 'STB' mode is able to perform certain actions like channel up/down, the current setting of your receiver offers you the possibility to do so.

However, if you have other items of equipment in your home and the Philips remote control of your receiver interferes with them, it is recommended to change the setting of both your receiver and remote control.

To change the setting of your receiver:
- Press ▼ to scroll down to RCU ID.
- Change the value from 39 to 40 or 38 using the ◄ or ► key, and then press <OK> to validate the remote control setting change on the receiver. A pop-up message appears, prompting you to refer to the user manual instructions to change the setting of your remote control
- Press <OK> to proceed. Another pop-up message appears, indicating that you must now change the setting of your remote control.

To change the setting of your remote control:
- Press number keys <1> and <3> simultaneously and hold them for at least 5 seconds.
- Release these two keys.
- Enter the new setting according to the remote control setting value displayed on screen within the next 60 seconds:
  - 1 for code 039
  - 3 for code 040
  - 5 for code 038.
- Press <OK> to confirm the remote control setting change and return to normal operation.

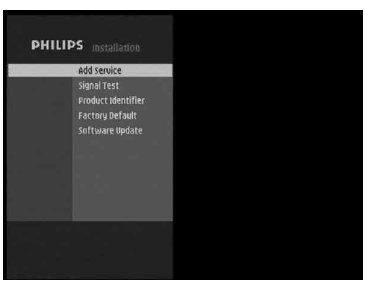

PHILIPS System Setting
MENU Language English
Audio Language English
Message Box
Please change now the setting of RCU according to the instructions in the manual and press <OK> to confirm.
OK
Transparency 0%
RCU ID 40
To change system address of RCU. Please refer to manual for further instruction

Note: in case you find you cannot press <OK>, repeat steps 1 to 3 above.

- Press <MENU> or <BACK> to go back to the main menu.

Alternatively you may reset your remote control to its default setting (039) by removing the batteries and reinserting them after more than 3 minutes.

8.7 Installation



The Installation sub-menu includes the following items:
- o Add Service
- o Signal Test
- o Product Identifier
- o Factory Default
- o Software Update.

8.7.1 Add Service

This feature is used to search for new channels.
Select Add Service from the Installation menu to access the Add Service screen.

To launch a search:
- Select values for the following:
  - Search type: select Automatic to perform a search for all channels or Manual for a particular channel to be selected below.
  - Number: select a channel number.
  - Frequency: broadcast frequency corresponding to the selected channel or entered manually using the numerical keys of the remote control.
- Press <OK> to start scanning.

8.7.2 Signal Test

This feature is used to test the signal strength and quality for a given channel.
Select Signal Test from the Installation menu to access the Signal Test screen.

To test the signal strength:
- Select values for the following:
  - Number: select a channel number.
  - Frequency: broadcast frequency corresponding to the selected channel or entered manually using the numerical keys of the remote control.

  As you enter values, the signal strength and quality, and Bit Error Rate (BER) are displayed on the right-hand side of the screen.
- Press <BACK> to go back to the Installation menu.

8.7.3 Product Identifier

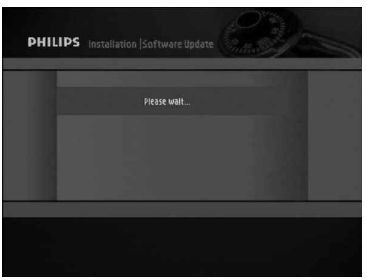
This feature is used to provide hardware and software information.

PHILIPS Installation | Factory Default
It will bring your DSR to the condition of Factory default
All Channel will be DELETED
And all TP Data will be INITIALIZED !
Are you sure to load Factory Default?
YES
NO

8.7.4 Factory Default

To reset your receiver back to the factory default condition, select Factory Default from the Installation sub-menu. The Factory Default screen appears, displaying a warning message. Press <OK> to confirm (selection is highlighted in yellow).

Note: if you reset your receiver to factory default settings, you lose all your personal settings which were previously stored.



8.7.5 Software update

This feature is used to set the software download mode and type.

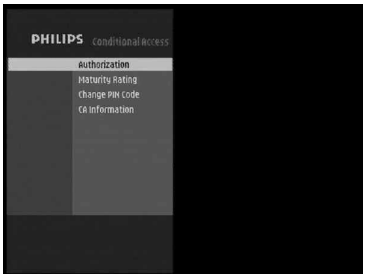
To manage software downloads:
- Select Software update from the Installation sub-menu.
- Select the appropriate values for the following:
  - Select mode: Auto Mode or User Mode. It is recommended to set the update mode to Auto Mode (default setting).
  - Download Type: Software, Software+Data or Data

Note: data is for example a preset list.

- Press <OK> to launch a new software search. The software search screen appears, displaying the search progress and the new software version.

If the update mode is automatic, you will receive a warning message on the screen when new software is detected. Press <OK> to start the download. A screen appears to inform you the loading is in progress, followed by a screen to inform you that the software is stored into memory. After the automatic download has been finished, the welcome screen will appear. The receiver will display video automatically without your interference.

Note: do not unplug the power cable while the loading is in progress.



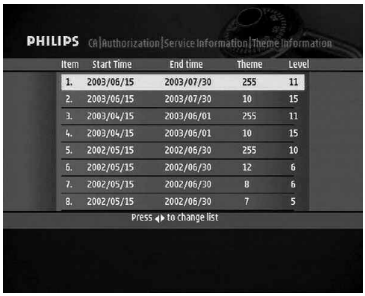
8.8 Conditional Access

This feature is used to:
- view Authorization class information;
- set the maturity rating;
- change your smart card Pin Code.

8.8.1 Authorization

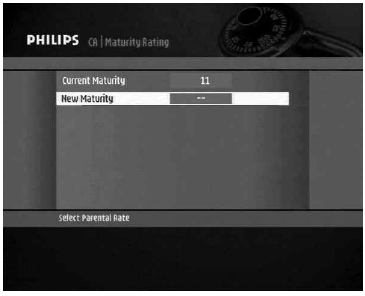
Select Authorization from the Conditional Access sub-menu to access the Authorization screen.

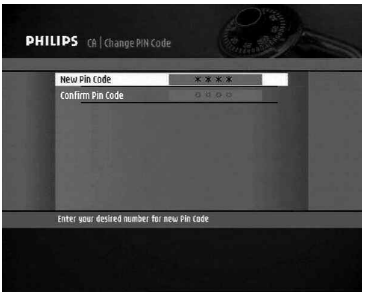
To view Authorization class information:
Select your operator from the list and press <OK>.
Authorization class information for the selected operator is displayed.



8.8.2 Maturity Rating

Select Maturity Rating from the Conditional Access sub-menu to access the Maturity Rating screen.
To modify the maturity rating:
- Enter the desired new maturity rating and press <OK> to confirm.
- You are then prompted to enter your smart card Pin Code in order for the new rating to be taken into account.





8.8.3 Change Pin Code

Select Change Pin Code from the Conditional Access sub-menu to access the Change Pin Code screen.

To modify your smart card Pin Code:
- Enter your smart card Pin Code.

Note: your smart card Pin Code may be different from your receiver Pin Code.

- Enter your new smart card Pin Code.
- Enter your new smart card Pin Code again.
- Press <OK> to confirm and exit the screen.

8.8.4 Pay Per View

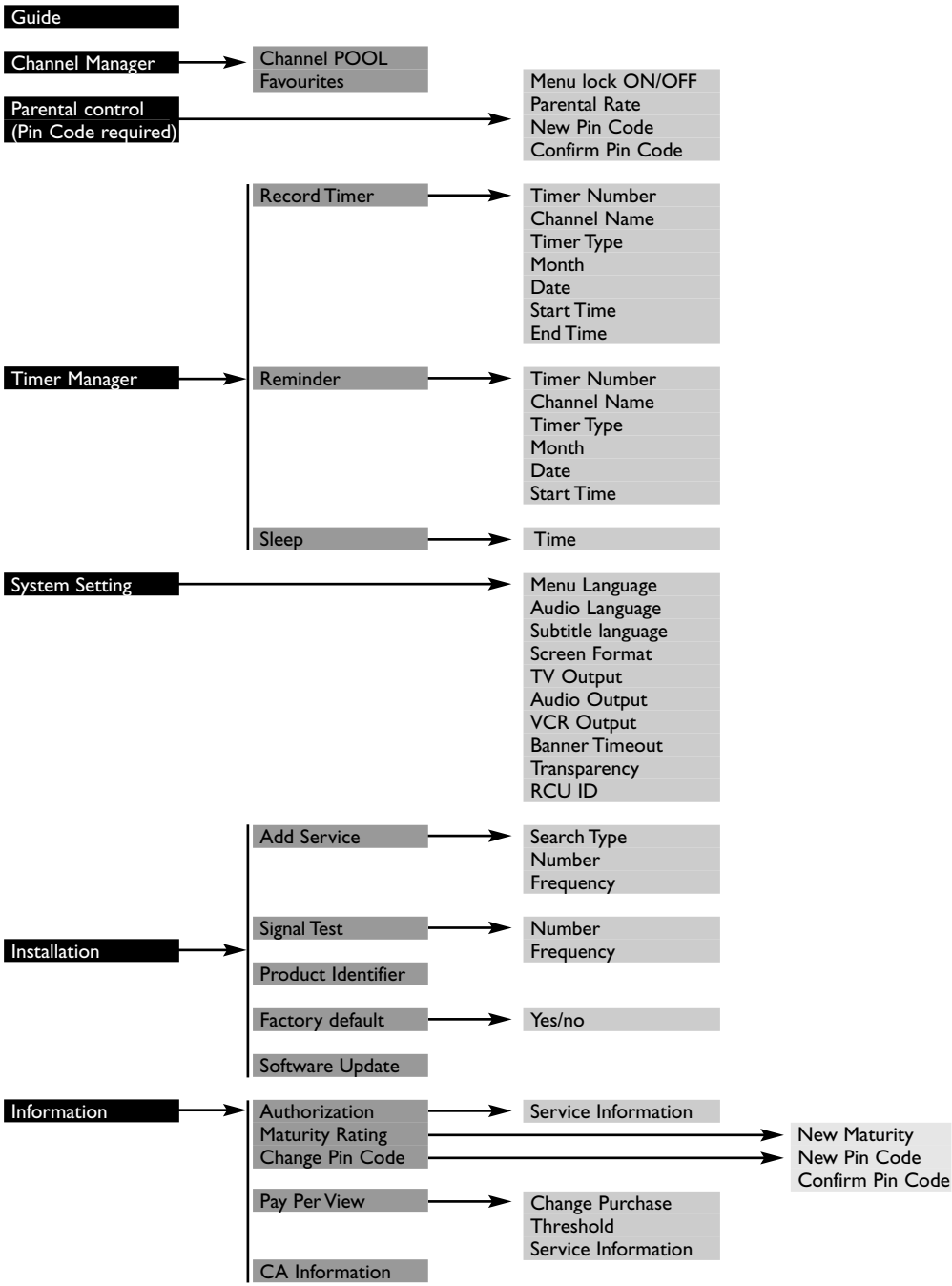
Select Pay Per View from the Conditional Access sub-menu to access the Pay Per View screen.
This screen is used to modify your purchase threshold and view Service Information.

To modify your purchase threshold:
- Select Change purchase threshold from the Pay Per View screen and press <OK> to access the Change purchase threshold screen.
- Select your operator from the list and press <OK>. Information for the selected operator is displayed.

8.8.5 CA Information

Select CA Information from the Conditional Access sub-menu to access the CA Information screen.
This screen is used to display conditional access information.

9 Menu tree


Guide
Channel Manager
Channel POOL
Favourites
Parental control
(Pin Code required)
Menu lock ON/OFF
Parental Rate
New Pin Code
Confirm Pin Code
Timer Manager
Record Timer
Timer Number
Channel Name
Timer Type
Month
Date
Start Time
End Time
Reminder
Timer Number
Channel Name
Timer Type
Month
Date
Start Time
Sleep
Time
System Setting
Menu Language
Audio Language
Subtitle language
Screen Format
TV Output
Audio Output
VCR Output
Banner Timeout
Transparency
RCU ID
Installation
Add Service
Search Type
Number
Frequency
Signal Test
Number
Frequency
Product Identifier
Factory default
Yes/no
Software Update
Information
Authorization
Service Information
Maturity Rating
New Maturity
Change Pin Code
New Pin Code
Confirm Pin Code
Pay Per View
Change Purchase
Threshold
Service Information
CA Information

10 Troubleshooting

English

Please be aware that new software may change the functionality of your receiver.
Should you experience any difficulties with the operation of your receiver, please consult the relevant section of this manual, including this Troubleshooting section. If the problem cannot be solved, call your dealer or a customer service adviser.

Symptom	Cause	Remedy
The display on the front panel does not light up.	Faulty power supply	Check that the power cord is correctly connected. Disconnect this cord and reconnect it to ensure it is in place.
		Check that the power is available at the wall socket.
No sound or picture but the front panel red light is on.	Receiver in Standby	Press the Standby button.
No sound or picture but the front panel green light is on.	Poor signal	Check the connections at the wall socket and receiver.
	Receiver in TV mode	Press <TV/STB> on the remote control once or twice.
	Poor SCART connections	Check the SCART connections
The remote control does not operate your receiver.		Make sure the receiver is on.
		Make sure you are pointing the remote control at the receiver front panel.
		Check the batteries in your remote control.
On-screen display working but there is no reception.	Poor reception/signal	Check the installation.
Intermittent reception.	Faulty connections	Check all connections and cable.
The picture is not sharp and on-screen text is difficult to read.	TV SCART output format not set to RGB	Change the setting of the TV SCART item to RGB from the System Setting screen.

Symptom	Cause	Remedy
	TV SCART not connected to the RGB-capable SCART socket of your TV set.	Refer to your TV User Manual.
	Inappropriate TV SCART	Use the SCART cable supplied with your receiver.
You cannot find all the channels you think should be available.	The signal to your aerial may be weak.	Try retuning your receiver, following the relevant steps in chapter 6. If you are still missing channels, call your local dealer.
The picture on some channels seems to have been stretched or squashed.	The broadcast is probably in wide screen and the receiver settings may not be correct.	Check the receiver "TV format" option setting, following the information in chapter 7.6.2. If you have a wide screen TV, you may also need to check the settings on your TV.
Even if you use the numerical keys, you cannot access a particular channel.	The parental lock has been activated on this channel and a message asks for your parental code.	Enter your parental code to access the channel or remove it as a locked channel.
You set a timer but did not record what you wanted.	The recorder was set incorrectly.	Make sure that your recorder is set for the same time as your digital receiver.
The order of the channels has changed.	They have been re-arranged.	Refer to paragraph 8.3.1 to change the order again.
You have forgotten or lost your Pin Code.		You must reset it from the Parental Control screen. To access the Parental Control screen, use the following 4-digit code: 3141. Keep this code secret to prevent others from using it. For detailed information on Parental Control, refer to paragraph 8.4.3.

Note: if you have tried all of the actions suggested above and could not solve the problem, please contact your dealer or service provider.

11 Technical specifications

This product conforms with European Directives 95/47/EC and 2002/21/EC.

Video decoding

- MPEG-2 DVB compliant up to MP@ML
- Video bit rate: up to 15 Mbit/sec
- Video format: 4:3 (letter box if source is in 16:9) and 16:9
- Resolution: up to 720x576 pixels

Audio decoding

- MPEG layer I / II
- All MPEG bit rates
- Mono and stereo mode

Ease of Installation

- Menu-controlled installation and operation using On-Screen Display
- Automatic channels installation via scanning
- Up to 500 presets

Ease of Use

- Channel list editing for personalized installation (delete, add, move)
- 3 favourite TV channel lists
- 3 favourite Radio channel lists
- Fully remote controlled
- Now & Next ESG / programme monitoring
- Automatic recording via Timer programming in ESG
- 2 LEDs

Operation/Features

- Full range RF loop-through
- TV & Radio modes
- 3 Fav list forTV channels
- 3 Fav list for Radio channels
- Automatic channel list update
- Subtitles
- Parental lock with Pin Code
- Child timer
- 8 events VCR timers
- Record Failure alarm
- Record header message
- Now & Next ESG
- Highlight programme coming soon in ESG
- Software upgrade via over-the-air download
- Low power mode

Application system resources

- Processor: ST
- Processor clock speed: 81 MHz
- SDRAM-CPU/Video - Graphics: 8 MB
- Flash memory: 2 MB

Terrestrial antenna interface

- RF input: IEC 169 - 2 female connector
- RF output (bypass): IEC 169 - 2 male

Reception-Demodulation

- Demodulation type: COFDM 2K/ 8K
- Network: MFN / SFN
- Input frequency range: VHF III & UHF IV/V
- Loop-through frequency range (MHz): 47 - 862 MHz

Conditional Access

- One Smart Card Reader
- Viaccess Conditional Access System

ConnectionsTV SCART

Output: CVBS, controlled audio L / R, RGB, Slow blanking, Fast blanking, S-Video (for LCD projector)

VCR SCART

Output:
CVBS, controlled audio L/R, Y/C, RGB

Audio CINCH

Analogue audio output: L / R
Digital audio output: AC-3 over SPDIF

Serial interface:

RS 232

Accessories

- Remote control
Type RC19336002/01 (“Zappa”)
- SCART cable
- RF cable
- User manual
- Worldwide Guarantee booklet
- Batteries: 2 x 1.5 V type AA/ R06
- Mains cord

Miscellaneous

- Temperature range (°C):
Operating: +5 to 40 °C
Storage: -10 to +70 °C
- Mains: 230 V ~ +/-10% - 50 Hz
- Power consumption: 15 W max
- Standby: 10 W max
- Weight: 0.980 kg
- Including packaging: 1.780 kg
- Dimensions: 365 x 230 x 62 mm

The product complies with the following European council Directives:

CE
- 73/23/EEC
- 93/68/EEC
- 89/336/EEC

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Due to continued product improvements, this information is subject to change without notice.